

Title (en)

MULTI-WALL BLADE WITH COOLING CIRCUIT

Title (de)

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Title (fr)

AUBE À PAROIS MULTIPLES AVEC CIRCUIT DE REFROIDISSEMENT

Publication

EP 3184737 B1 20190220 (EN)

Application

EP 16202423 A 20161206

Priority

US 201514977228 A 20151221

Abstract (en)

[origin: EP3184737A1] A cooling system according to an embodiment includes: a three-pass serpentine cooling circuit (40, 140, 240); and an air feed cavity (41, 141, 241) for supplying cooling air to the three-pass serpentine cooling circuit (40, 140, 240); wherein the three-pass serpentine cooling circuit (40, 140, 240) extends radially outward from and at least partially covers at least one central plenum (20) and a first set of near wall cooling channels (18) of a multi-wall blade (6).

IPC 8 full level

F01D 5/18 (2006.01)

CPC (source: CN EP US)

F01D 5/186 (2013.01 - CN); **F01D 5/187** (2013.01 - EP US); **F02C 3/04** (2013.01 - US); **F05D 2220/32** (2013.01 - US); **F05D 2240/305** (2013.01 - US); **F05D 2240/307** (2013.01 - US); **F05D 2250/185** (2013.01 - EP US); **F05D 2260/202** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3184737 A1 20170628; **EP 3184737 B1 20190220**; CN 107035417 A 20170811; CN 107035417 B 20201110; JP 2017141809 A 20170817; JP 7184475 B2 20221206; US 2017175546 A1 20170622; US 9932838 B2 20180403

DOCDB simple family (application)

EP 16202423 A 20161206; CN 201611191071 A 20161221; JP 2016240794 A 20161213; US 201514977228 A 20151221